Table I (1 of 2) Identification of Achievable Performance Standards

Source Category: Wood Products Coating Operation

			Rule/Measure/Date									
Regulated Component	Pollutant	South Coast Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97						
				Performance Standard								
PCE/TCA/Meth Chloride exemptions		Rule 102: PCE, TCA, methylene chloride	PCE,TCA, methylene chloride	Rule 1020: TCA, methylene chloride	None	Rule 2: PCE, TCA, methylene chloride						
Adhesive and coating applications, general solvent limit		Rule 442 A person shall not discharge organic materials into the atmosphere from equipment in which organic solvents or materials containing organic solvents are used, unles such emissions have been reduced by at least 85 percent	unless such emissions									
Spray coating equipment, general		x Rule 481 A person shall not use or operate any spray painting or spray coating equipment unless one of the following conditions is met: (1) The spray coating equipment is operated inside a control enclosure (2)Coatings are applied with electrostatic and/o airless spray equipment (3) A method of application or control is	l or t.									

				Rule/Measure/Date		
Regulated Component	Pollutant	South Coast Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
				Performance Standard		
		used which has an effectiveness equal to or greater than the equipment than (1) or (2) above. The provisions of this rule shall not apply to: (1) Spray coating of three gallons per day or less of coatings at a single location. (2) Spray coating of lacquers on cabinets and wood and simulated-wood surfaces adhesives, fibrous coatings, abrasive materials, portland cement mixtures, elastomers, stains, metal surface primers, or textured coatings, provided such spray coating cannot be conducted inside a control enclosure.				

			Rule/Measure/Date									
Regulated Component	Pollutant		uth Coast Rule 1136 4/96	Rυ	ojave Desert AQMD de 1114 /25/96	Ru	UAPCD ile 4606 /19/96	Re	AAQMD eg 8 Rule 32 19/96	R	nn Diego County APCD ule 67.11 13/97	
						F	Performance Standard					
Option I (until 2005) - Sealer, clear - Topcoat, clear - Primer/sealer/ undercoat,pigmented - Topcoat, pigmented	VOC	x	- [550]{1.39} - [550]{1.37} - [550]{1.06} - [550]{1.10} sources currently meeting limits	x	-[550] -[550] -[550] -[550]		See individual limits		See individual limits		See individual limits	
Option II (until 2005) - Sealer, clear - Topcoat, clear - Primer/sealer/ undercoat,pigmented - Topcoat, pigmented	VOC	X	- [680]{3.36} - [275]{0.35} - [600]{1.08} - [275]{0.25} sources currently meeting limits	x	-[680] -[275] -[600] -[275]		See individual limits		See individual limits		See individual limits	
Topcoat, clear	VOC		- [275]{0.35}(2005)		-[275](2005)		[550] [275](1999)	X	[275] General Wood products	Ī	See Topcoat, clear: new and refinished	
Topcoat, clear: new wood product	VOC		See Topcoat, clear and Option I and II		See Topcoat, clear and Option I and II		See Topcoat, clear		See Topcoat, clear		[680] [275](2005)	
Topcoat, clear: refinished wood product	VOC		See Topcoat, clear and Option I and II		Exempt		Exempt		Exempt	X	[680]	
Topcoat, clear: shutters only	VOC	x	[680]{2.99} (until 2005)	X	[680](until 2005)		See Topcoat, clear		See Topcoat, clear		See Topcoat, clear: new and refinished	
Topcoat, clear: custom cabinetry and custom architectural millwork	VOC		See Topcoat, clear and Option I and II		See Topcoat, clear and Option I and II		See Topcoat, clear	X	[550]		See Topcoat clear: new	

			Rule/Measure/Date									
Regulated Component	Pollutant		uth Coast Rule 1136 14/96	Rυ	ojave Desert AQMD ile 1114 /25/96	Rι	UAPCD ile 4606 /19/96	R	AAQMD eg 8 Rule 32 19/96	Rι	n Diego County APCD nle 67.11 13/97	
						I	Performance Standard					
Topcoat, clear: custom and contract furniture limits	VOC		See Topcoat, clear and Option I and II		See Topcoat, clear and Option I and II		See Topcoat, clear	Х	[550]		See Topcoat, clear: new	
Topcoat, pigmented	VOC	X	[275]{0.21}(2005)	X	[275](2005)		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished	
Topcoat,pigmented: Shutters	VOC	x	[600]{1.38} until 2005	X	[600]until 2005		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented new and refinished	
Sealer, clear	VOC	X	[275]{0.36}(2005)	х	275(2005)		See Sealer, sanding		See Sealer, sanding		See Sealer: new and refinished	
Sealer: new wood products	VOC										[680] [550](2005)	
Sealer: refinished wood products	VOC									X	[680]	
Sealer, clear: Shutters	VOC	x	[275]{0.36} until 2005	x	[275]until 2005		See Sealer, sanding		See Sealer, sanding		See Sealer: new and refinished	
Sealer, sanding	VOC		See Sealer, clear and Option I and II		See Sealer, clear and Option I and II		[550] [275](2005)	х	[550]General wood products		See Sealer: new	
Sealer, sanding: custom cabinetry and custom architectural millwork	VOC		See Sealer, clear and Option I and II		See Sealer, clear and Option I and II		See Sealer, sanding	х	[550]		See Sealer: new	
Sealer, sanding; custom	VOC		See Sealer, clear and		See Sealer, clear and		See Sealer, sanding	х	[550]		See Sealer, new	

			Rule/Measure/Date										
Regulated Component	Pollutant			Ru	ojave Desert AQMD le 1114 /25/96	Ru	UAPCD ile 4606 /19/96	R	AAQMD eg 8 Rule 32 19/96	Rυ	n Diego County APCD ile 67.11 13/97		
						I	Performance Standard	_		_			
and contract furniture limits			Option I and II		Option I and II								
Sealer, pigmented	VOC	X	[275]{0.21}(2005)	X	[275](2005)		See Sealer, sanding		See Sealer, sanding		See Sealer: new and refinished		
Sealer, pigmented: Shutters	VOC	X	[275]{0.33}(until 2005)	X	[275] (until 2005)		See Sealer, sanding		See Sealer, sanding		See Sealer: new and refinished		
Primer, pigmented	VOC	X	[275]{0.21}(2005)	X	[275](2005)		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished		
Primer, pigmented: Shutters	VOC	Х	[275]{0.33} (until 2005)	X	[275] (until 2005)		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished		
Undercoat, pigmented	VOC	X	[275]{0.21}(2005)	X	[275](2005)		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished		
Undercoat, pigmented: Shutters	VOC	X	[275]{0.33} (until 2005)	X	[275] (until 2005)		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished		
Barrier coat, plastic component	VOC	X	[760]{3.9} [275]{0.28}(2005)		See Undercoat, pigmented		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished		
Filler, composite wood edge	VOC	x	[550]{1.15} [275{0.31}](2005)		See Filler		See Filler		See Filler		See Filler: new and refinished		
Coating, extreme performance	VOC	X	[420]{0.51} [275{0.33}](2005)										

							Rule/Measure/Date				
Regulated Component	Pollutant		uth Coast Rule 1136 14/96	Ru	ojave Desert AQMD de 1114 /25/96	Ru	UAPCD ile 4606 /19/96	Re	AAQMD eg 8 Rule 32 19/96	San Diego County APCI Rule 67.11 8/13/97	
						F	Performance Standard				
Filler	VOC		[500]{0.66} [275]{0.18}(2005)		[500] [275]2005	X	[500] [275](1999)		[500]General		See Filler: new and refinished
Filler, new wood product	VOC		See Filler		See Filler		See Filler		See Filler		[500]
Filler, refinished wood product	VOC		See Filler		Exempt		Exempt		Exempt	X	[500]
Filler, custom cabinetry and custom architectural millwork	VOC		See Filler		See Filler		See Filler	X	[500]		See Filler: new and refinished
Filler, custom and contract furniture limits	VOC		See Filler		See Filler		See Filler	x	[500]		See Filler: new and refinished
Stain, high- solid	VOC	X	[550]{1.23} [3501{0.42}](2005)	Х	[550] [350](2005)	X	[700] [240](1999)		[700]General wood products		See Stain, high-solid: new and refinished
Stain, high-solid: new wood products	VOC		See Stain, high-solid		See Stain, high-solid		See Stain, high-solid		See Stain, high-solid		[700] [550](2005)
Stain, high-solid: refinished wood products	VOC		See Stain, high-solid		Exempt		Exempt		Exempt	X	[700]
Stain, high-solid: custom cabinetry and custum architectural millwork	VOC		See Stain, high-solid		See Stain, high-solid		See Stain, high-solid	X	[700]		See Stain, high-solid; new
Stain, high-solid: custom and contract furniture limits	VOC		See Stain, high-solid		See Stain, high-solid		See Stain, high-solid	X	[700]		See Stain, high-solid; new
Inks	VOC	X	[500]{0.96}	X	[500]	X	[500]				See Ink: new and refinished

			Rule/Measure/Date									
Regulated Component	Pollutant		uth Coast Rule 1136 14/96	Rυ	ojave Desert AQMD ile 1114 /25/96	Ru	UAPCD lle 4606 /19/96	Re	AAQMD eg 8 Rule 32 19/96	Rι	n Diego County APCD de 67.11 13/97	
						F	Performance Standard					
Inks, new wood products	VOC		See Inks		See Inks		See Inks			X	[500]	
Inks, refinished wood products	VOC		See Inks		Exempt		Exempt		Exempt	X	[500]	
Coating, mold-seal	VOC	х	[750]{4.2}	X	[750]	X	[750]				See Any other coating: new and refinished	
Coating, mold-seal: new wood products	VOC		See Coating, mold-seal		See Coating, mold-seal		See Coating, mold-seal				See Any other coating: new and refinished	
Coating, mold-seal: refinished wood products	VOC		See Coating, mold-seal		Exempt		Exempt		Exempt		See Any other coating: new and refinished	
Coating, multi-color	VOC		[685]{2.6} [275]{0.33}(2005)		[685] [275](2005)	X	[275]				See Any other coating: new and refinished	
Coating, multi-color: new wood products	VOC		See Coating, multi- color		See Coating, multi- color		See Coating, multi- color				[685]	
Coating, multi-color: refinished wood products	VOC		See Coating, multi- color		Exempt		Exempt		Exempt		[685]	
Barrier coat, low-solid plastic component	VOC	Х	[760] [120](2005)		See Undercoat, pigmented		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished	
Stain, low-solid	VOC		[480] [120](2005)		[480] [120]	X	[480] [120](1999)		[480]General wood products		See Stain, low-solid: new and refinished	
Stain, low-solid: new wood products	VOC		See Stain, low-solid		See Stain, low-solid		See Stain, low-solid		See Stain, low-solid		[700] [480](2005)	
Stain, low-solid: refinished wood products	VOC		See Stain, low-solid		Exempt		Exempt		Exempt		[700]	

			Rule/Measure/Date										
Regulated Component	Pollutant			Ru	ojave Desert AQMD le 1114 /25/96	Rι	UAPCD ile 4606 /19/96	R	AAQMD eg 8 Rule 32 '19/96	Rι	n Diego County APCD nle 67.11 13/97		
						I	Performance Standard						
Stain, low-solid: custom cabinetry and custom architectural millwork	VOC		See Stain, low-solid		See Stain, low-solid		See Stain, low-solid	х	[480]		See Stain, low-solid: new and refinished		
Stain, low-solid: custom and contract furniture limits	VOC		See Stain, low-solid		See Stain, low-solid		See Stain, low-solid	х	[480]		See Stain, low-solid: new and refinished		
Toner, low-solid	VOC	X	[480] [120](2005)	X	[480] [120]						See Toner, low-solid: new and refinished		
Toner, low-solid: new wood products	VOC		See Toner, low-solid		See Toner, low-solid						[700] [480](2005)		
Toner, low-solid, refinished wood products	VOC		See Toner, low-solid		Exempt		Exempt		Exempt		[700]		
Washcoat, low-solid	VOC		[480] [120](2005)		[480] [120]				[480]General wood products		See Washcoat, low- solid: new and refinished		
Washcoat, low-solid: new wood products	VOC										[700] [480](2005)		
Washcoat, low-solid: refinished wood products	VOC		See Washcoat, low-solid		Exempt		Exempt		Exempt		[700]		
Washcoat, low-solid: custom cabinetry and custom architectural millwork	VOC		See Washcoat, low-solid		See Washcoat, low- solid			х	[480]		See Washcoat, low- solid: new		

			Rule/Measure/Date										
Regulated Component	Pollutant	South Coast Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	Re	AAQMD eg 8 Rule 32 19/96	San Diego County APCD Rule 67.11 8/13/97						
				Performance Standard	d								
Washcoat, low-solid: custom and contract furniture limits	VOC	See Washcoat, low-solid	See Washcoat, low- solid		x	[480]	See Washcoat, low- solid: new						
Coating, pigmented	VOC			[550] [275](1999)	x	[275]General wood products	See Coating, pigmented: new and refinished						
Coating, pigmented: new wood products	VOC						[600] [275](2005)						
Coating, pigmented: refinished wood products	VOC		Exempt	Exempt		Exempt	x [600]						
Coating, pigmented: custom cabinetry and custom architectural millwork	VOC				Х	[550]	See Coating, pigmented: new and refinished						
Coating, pigmented: custom and contract furniture limits	VOC				х	[550]	See Coating, pigmented: new and refinished						
Strippers	VOC	[350] or VP=2mm Hg/0.04psia	[350]	[350] [450] Spraybooth			x [200] VP=20mmHg						
Adhesives	VOC		[250]		Х	Rule 8 Reg 5 -Contact Bond Adhesive [200]							
Varnish, conversion	VOC						x [550]New						
Solvents, surface prep.	VOC	Rule 1171	[200]	[200]			x [200]						

				Rule/Measure/Date		
Regulated Component	Pollutant	South Coast Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
				Performance Standard		
And clean-up		[950] coating application equipment 35 mm Hg		[950]coating application equipment, only. 35mmHg		VP=20mmHg BP=190C
Coating, medium density fiberboard: new wood products	VOC					x [680] x [550](2005)
Coating, medium density fiberboard: refinished wood products	VOC					x [680]
Any other coating: new wood products	VOC					x [420] [275](2005)
Any other coating: refinished wood products	VOC					x [420]
Topcoat, waterborne	VOC					
CTG option - Topcoat - Sealer	VOC	See individual limits	See individual limits	See individual limits	See individual limits	See individual limits
CTG option - Acid-cured alkyd amino conversion varnish topcoat -acid-cured alkyd amino vinyl sealer	VOC	See individual limits	See individual limits	See individual limits	See individual limits	See individual limits

				Rule/Measure/Date					
Regulated Component	Pollutant	South Coast Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97			
				Performance Standard	rd				
CTG option - Acid-cured alkyd amino conversion varnish topcoat -sealer	VOC	See individual limits	See individual limits	See individual limits	See individual limits	See individual limits			
-CTG option - Sealer -Topcoat -Acid-cured alkyd amino vinyl sealer	VOC	See individual limits	See individual limits	See individual limits	See individual limits	See individual limits			
Topcoat									
Washcoat									
Sealer									
Stain									
Basecoat	VOC								
Enamel	VOC								
Thinner	VOC	x included in as applied limit	x included in as applied limit	x included in as applied limit	x included in as applied limit	x included in as applied limit			

			Rule/Measure/Date										
Regulated Component	Pollutant	South Coast Rule 1136 6/14/96	R	Iojave Desert AQMD ule 1114 1/25/96	Rυ	UAPCD lle 4606 /19/96	Re	eg 8 Rule 32	Ru	n Diego County APCD le 67.11 3/97			
					I	Performance Standard							
Control Equipment Requirements	VOC	Equivalent to reducti in VOC emission sassociated with application of VOC limits(Equation)	on x	Overall control efficiency of at least 85%	X	Overall capture and control efficiency of 85%; minimum required control efficiency equal to application of VOC limits(Equation)				Capture and control efficiency of 85%			
Transfer Efficiency	VOC	use one of the follow methods: - electrostatic - flow coat - dip coat - HVLP spray x - paint brush - hand roller - roll coater - other 65% transfer of	x	use one of the following methods: - flowcoat - dip coat - HVLP spray - paint brush - hand roller - roll coater - other 65% transfer eff	x	use one of the following methods: - electrostatic - flowcoat - dip coat - HVLP spray - paint brush - hand roller - roll coater - detail or touch-up guns - other 65% transfer eff		use one of the following methods: - airless - air assisted airless - electrostatic - HVLP spray - detail or touch-up guns		use one of the following methods: - electrostatic - flow coat - dip coat - HVLP spray - hand application method - roll coater - other transfer efficiency equal to one of the above			
Emission Averaging		-Actual emissions fro coatings being averag less than 90% of the allowable emissions - daily basis - 100% after 2005 - Plan required pursu to Rule 221	ed					-Compliance with VOC limits may be achieved by averagingCompliance may be demonstrated by averaging for multiple day periods on a rolling basis for a period no greater than thiry days -Plan required					
Alternative Emission		Pursuant to Rule 108								Pursuant to Rule 67.1			

Regulated Component	Pollutant	South Coast Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
		L .		Performance Standard		
Control Plan		NO SOURCES				
Work Practice Standard: Solvent Cleaning Operations		Cleaning devices: -wipe cleaning -closed containers hand held spray bottle without propellant -Cleaning equipment which has a solvent container that can be, and is closed during cleaning operations, except when depositing and removing objects to be cleaned, and is closed during nonoperation with the exception of maintenance and repair to the cleaning equipment itself; -Non-atomized solvent flow method -Solvent flushing method - Remote Reservoir Cleaners Storage and disposal - All VOC-containing solvents, used in solven	solvent in a closed container - Bans use of organic compounds in clean-up of spray equipment unless equipment for collecting cleaning compounds and minimizing evaporation is used	- Closed, nonabsorbant containers for storage or disposal of solvent laden cloth or paper -Store fresh or spent solvents in closed containers -Keep containers of stripper, coating, adhesive, catalyst closed when not in use Spray equipment cleaned in enclosed system	storage or disposal of cloth or paper used for solvent prep or cleanup Store fresh or spent solvent in closed containers - Bans use of organic compounds for clean-up	totally encloses the

	Rule/Measure/Date				
Regulated Component Po	South Coast Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
	Performance Standard				
	cleaning operations, shall be stored in non-absorbent, non-leaking containers which shall be kept closed at all times except when filling or emptying. It is recommended that cloth and paper moistened with VOC-containing solvents be stored in closed, non-absorbent, non-leaking containers. Control Equipment - a person may comply by using a VOC emission collection and control system in association with the solvent cleaning operation provided the emission control system shall collect at least 90 percent, by weight, of the emissions generated and have a destruction efficiency of at least 95 percent, by weight, or less than 50 parts per million (PPM) as				

		Rule/Measure/Date				
Regulated Component	Pollutant	South Coast Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
			Performance Standard			
Work Practice Standard: Work Practice Implementation Plan						
Work Practice Standard: OperatorTraining Course						
Work Practice Standard: Inspection and Maintenance Plan						
Work Practice Standard: Formulation Assessment Plan						
Work Practice Standard: Cleaning and Washoff Solvent Accounting System						
Monitoring, Recordkeeping, and Reporting: Records		N - Rule 109: records maintained for 2 years;method of application; amount an type of coating, adhesive, solvent; amount of dilutant surface prep., solvent; VOC content; where appropriate vapor pressure -Control equipment: continuous monitoring	inspection - list of coatings - coating, catalyst, reducer used -mix ratio -VOC content, as applied Daily records	N All records retained for 2 years - list of coatings - mix ratio -VOC content, as applied -VOC content of solvents Daily records -coating and mix ratio -quantity of coating -id of coating category	R N General: - coating,catalyst, reducer used -mix ratio -VOC content -solids content Daily records -coating and mix ratio -quantity of coating used -id of coating category -type and amount of solvent used for clean-	N All records maintained for 3 years -list of coatings, strippers, surface prep and cleaning material -mix ratio -VOC content, vapor presseure -coating category -maintain daily or monthly recordsof materials used - maintain records of

	Rule/Measure/Date					
	South Coast Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97	
		Performance Standard				
	records maintained for 2 years VOC content of coatings in lbs. VOC/lbs solid.	-quantity of coating -type and amount of solvent used -daily records of key monitoring equipment parameters and maintenance	-type and amount of solvent used Refinishing, Replacement, and custom furniture: -coating, catalyst, reducer used -mix ratio -VOC content Daily records -amount of coating, catalyst, reducer used -type and amount of solvent used -type of stripper -wood product types -Key operating parameters of C.E.	up and surface prepkey operating parameters of C.E - records retained for 2 months Refinishing, Replacement, and Custom Replica Furniture -coating, catalyst reducer used -mix ratio -VOC content Monthly basis -amount of coating, catalyst, reducer used -type and amount solvent used for clean- up and suface preptype and amount of stripper used. Custom architectural millwork and cabinetry recordkeeping -maintain and make available job orders, shop drawings or blueprints, designer or architectural drawings	dates and amount of material added to coating dip tanks Control Equipment: - same as above plus: - daily records of coatings not in compliance - daily records of key operating parameters	
Monitoring,	N -Emission averaging					

PRELIMINARY DRAFT

Table I (1 of 2)

DO NOT CITE OR QUOTE

Rule/Measure/Date						
Regulated Component			3	Rule 4606	Reg 8 Rule 32	San Diego County APCD Rule 67.11 8/13/97
		Performance Standard				
Recordkeeping, and Reporting: Emission averaging		Q plan				